

The Influence on Charging of a Pre-heated Coal
Charge, by B. N. Zhitov, G. N. Makarov, 3 pp.

RUSSIAN, per, Koks i Khim, No 12, 1961.

CTRA

Sci
Aug 62

206,474

Bottom Relief and Sediments of the
Southern Parts of the Ocean Basins, by
A. V. Zhivago, A. P. Litsyn.

RUSSIAN, per, Informant Byull Sovet
Amerticheskaya Ekspeditsiya, No 3,
1958, pp 21, 22.

Univ of Wisconsin
(RSP)

113,897

Sci - Geophye
Apr 60

New Data on the Structural Laws of Submarine
Relief, by P. L. Bezrukov, I. G. Boychenko,
A. V. Zhivago, N. L. Zenkevich, V. F. Kanayev,
G. B. Udintsev, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVI, No 5,
1957, pp 841-844.

Consultants Bureau

Sci - Geophysics

Oct 58

75, 256

Zhivaikin, L. Ya. LIQUID FILM THICKNESS IN FILM-TYPE UNITS. July 62 [5]p. 33 refs. Order from ICE in v. 2, no. 3, \$15.00/year Trans. of Khim[icheskoe] Mashinostroenie (USSR) 1961 [v. 3] no. 6, p. 25ff. DESCRIPTORS: *Heat exchangers, *Thin films, Liquids, Fluid flow, Mass transfer, Viscosity, Density, Velocity. (Engineering--Chemical, TT, v. 9, no. 2)	63-12232 I. Zhivaikin, L. Ya. II. International Chemical Engineering, New York 0001344 Office of Technical Services
---	---

Operation PW - The Psychological Warfare of
the American Imperialists, by Nikolay
Ivanovich Zhiveynov, 171 pp.
RUSSIAN, bk, Operatsiya P. W. Tsikhologicheskawaya
Voyna Amerikanskikh Imperialistov, 1966, 295 pp.
P940153667

324,386

USE OF MEMBERS ONLY

USSR

Mil

Sep 66

The Calculation of Agricultural Crops Actually
Harvested, by N. Zhivilin, 9 pp.

RUSSIAN, bk, Voprosy Ekonomiki Sel'skogo Khozyaistva,
1956.

OTS 60-51175
PL-480

USSR
ECOM

Jun 61

PST 98

155,361

Planning the Purchasing of Products of Animal Origin From
Collective Farms, by Todor Kunchov, Georgi Zhelvin, 24 pp.

BULGARIAN, per, Izvestiya na Visehiya Institut za Narodno
Stopsanstvo Dimitar Blagoev - Varna, No 1, Jan-Mar 1963,
pp 46-58.

JPRS 22196

EE-Bulgaria
Econ
Dec 63

242,724

Telegram To Khrushchev and Brezhnev, by
Zhivkov, Ganev, Yugov.

RUSSIAN, np, Pravda, 29 Sep 1962.

FBIS Wire

USSR

Pol

22 Oct 62

Some Basic Questions in Our Party and Social
Activity, by Zhivkov

BULGARIAN, np, Rabotnichesko Delo, Jan 19, 1960

FBID Daily Review

Mar 60

Text of speech by Todor Zhivkov to Tenth Komsomol
Congress on 28 Apr 63

Sofia, Rabotnichesko Delo, 5 May 1963

Bulgaria

Daily Report
USSR & East Europe
No 100, 22 May 63

For the Further Improvement and Increasing the
Efficiency of Party and State Leadership of the
National Economy, by Todor Zhivkov, 36 pp.

BULGARIAN, per, Babatishenska Dale, 17 May 1963,
Encl to Deep A-424, Amblegation, Sofia. (CIA/R38424)

Dept of State

(Just for CIA)

Elmr - Bulgaria
Pal, Esen
Jul 63

237,051

RESOLUTIONS OF THE EIGHTH CONGRESS OF THE
BULGARIAN COMMUNIST PARTY, BY TODOR ZHIVKOV,
41 PP.

BULGARIAN, NP, RABOTNICHESKO DELO, 16 NOV 1962,
PP 1-4.

JPRS 16416

EEUR - BULGARIA
POL
DEC 62

217,184

4
For Greater Effectiveness in the Bulgarian National
Economy, by Zlatko Zlatkov, 43 pp.
BULGARIAN, par, Nov Vreme, No 9, 1964, pp 72-91.
JPRS 26749

EE-Bulgaria
Econ
Nov 64

248,245

~~XXXXXXXXXX~~
(DC-2200)
BULGARIA AND THE NEWLY LIBERATED COUNTRIES,
BY ZHIVKO ZHIVKOV, 44 PP.

BULGARIAN, PER, NOVO VREME, NO 7, 1962,
PP 47-58.

J PRS 14828

EUR - BULGARIA
POL
AUG 62

209,009

(DC-6)

Even Better Work by the Party Control Commissions,
by Nadya Zhivkova, 21 pp.

BULGARIAN, per, Partien Zhivot, No 17, Dec 1961,
pp 23-32.

JPRS 12360

EEur - Bulgaria
Pol
Feb 62

185,055

Zhivkovic, Vera

Morphological and Ecological Investigations of the
Simuliidae of Danube.

SERBO-CROATIAN, per, Beograd, 1955 SAN, Naucno delo,
96 pp.

*PL 480

OTS 61-11278

1961

(DC-5017)

How White Collared Workers Would Be Paid, by
Zh. Zhivkovic 4 pp.

np
CROATIAN, ~~ESP~~, Borba, Vol XXV, No 256,
26 Oct 1960.

JPRS 8032

EEur - Yugoslavia

Soc

144,900

Apr 61

On the Temperature of Lighting and Force of Thunder,
by, Yu. A. Zhivlyuk, S. L. Mandel'shtam, pp, 3

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol XL,
No 2, 1961, pp, 483-487

AIP
SOV Phys-JETP
VOL XIII, No 2

Sci
Aug 61

167,528

The Permanent Protection of Cellulose Textiles
Against Microorganisms, by Miodrag Zhivkovich.
FOR OFFICIAL USE ONLY

YUGOSLAVIAN, per, Tekstilna Industrija, Vol 14,
No 2, 1966, pp 61-65.

ASTC-HT-23-315-68

P200192968

MiodRAG ZHIVKOVICH

Sci/B&M
Sept 68

366,489

Heating of Multiply Charged Impurity Ions in a Plas-
ma.

By A. V. Gurevich, Yu. N. Zhivlyuk pp. 11

RUSSIAN, per, *Sov Tekh Fiz*, Vol XXXIII, No 3, 1963,
pp. 276-290

Amer Inst of Phys
Sov Phys - Tech Phys
Vol VIII, No 3

Sci

Sep 63

344, 5-1

Heating of Multiply Charged Impurity Ions in a Plas-
ma.

By A. V. Gurevich, Yu. N. Zhivlyuk pp. 11

RUSSIAN, per, *Sov Tekh Fiz*, Vol XXXIII, No 3, 1963,
pp. 276-290

Amer Inst of Phys
Sov Phys - Tech Phys
Vol VIII, No 3

Sci

Sep 63

344,5-1

Derivatives
Synthesis of Some Carbon-Carbon Carbohydrate,
~~Dehydrogenation of Silicohydrocarbons~~, by B. M.
Dorofenko, L. E. Zhivoglazova, ⁴ pp. *a. g. d. n. u.*

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVII, No 6,
1957, pp 990-992.

Consultants Bureau

Sci - Chem

Oct 58

74, 367

Antipyrine Dyes As Analytical Reagents. Communica-
tionx 1. The Relation Between the Composition and
Reactivity of Dyes, by V. P. Zhivopistsev,
M. N. Chelnokova, 5 pp.

RUSSIAN, per, Zhur Anal Khim, Vol XVIII, No 2, 1963,
pp 148-153.

CB

Sci
Feb 64

249,191

New Method of Purification of Salts of Nickel,
Manganese, and Other Elements With the Aid of
Diantipyrylmethane, by V. P. Zhivopistsev, 2 pp.
UNCLASSIFIED

RUSSIAN, per, Zhur Prik Khim, Vol XXVI, No 3,
Mar 1953, pp 335-336.

Consultants Bureau tr

Scientific - Chemistry

13,515

A Spot Reaction for Cobalt, Using Dimethylamino-
pyrrole, V. P. Zhivopistsev.

The Journal of General Chemistry of the USSR, Vol XXI,
No 3, Mar 1951, pp 531 - 534 (Russ p 481).

CIA D 182338

421-435

Consultants Bureau
New York

A 13458

USSR

Experience in the Adoption of Self-Supporting
System at an UKRM (Administration for Technical
Operation of Cable and Radio-Relay Main Lines), by
S. G. Zhivotkov, A. A. Nosova, 5 pp.

RUSSIAN, per, Vestnik Svyazi, No 4, 1964.

JPRS 25059

Sci
Jun 64

261,317

Diffraction Losses and Resonance-Type Oscillations
in Open Resonators with Cylindrical Mirrors, by
V. Ya. Gaiakhev, V. K. Zhivotov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Physics Section,
Vol CLVII, No 4-5, Aug 1964, pp 1332-1334.

Amer Inst of Phys
Sov Phys-Doklady
Vol IX, No 2

Sci

Aug 65

270,541

(CSO: 1840-N)

The Ident Type of River Tanker, by A. Zhivotovskiy,
8 pp.

RUSSIAN, per, Rechnoy Transport, No 5, Moscow, May
1962, pp 26, 27.

JPRS: 15,206

USSR
Econ
Sep 62

211,030

Alakline Absorption of Nitrogen Oxides, by A. G.
Zhivotovskiy, 12 pp.

RUSSIAN, per, Kimstroi, Vol VII, 1935, pp 158-162.

SIA R-2464

Sci
Aug 59

94, 513

(NY-5231)

Wide-Band Amplification by Means of Tetrodes in
VHF Transmitters, by A. I. Zhivotovskiy, 7 pp.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Radiotekh,
Vol III, No 2, 1960.

JPRS 7379

Sci

Jul 61

159,356

(NY-7167)

Untuned High Frequency Stages of Transmitters,
by A. I. Zhivotovskiy, A. S. Krivenko,
V. V. Polevoy, 21 pp.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved MViSSO
SSR po Razdelu Radiotekh, Vol V, No 2,
Mar/Apr 1962, pp 224-233.

JPRS 15475

Sci - Electronics

Oct 62

213,792

Calculation of Complex Resonators, by A. I.
Zhivotovskiy, 8 pp.

RUSSIAN, per, Radiotekh, Vol XII, No 1, Jan 1957,
pp 22-27. . CIA 632532

ATIC F-16-9190/V

Sci - Electronics, computers

Oct 58

75,638

Production of Radioactive Isotopes in a 10-Mev
Deuteron, by P. P. Dmitriev, I. I. Zhiyotovskii,
N. N. Krasnov, I. P. Selinov, E. N. Khaprov, 6 p.

^C
RUSSIAN, bk, Proceedings of the First All-Union
Conference on Radiation Chemistry Production of
Isotopes, 1957, 9048095-0 pp 26-30.

Consultants Bureau

Sci - Chem

Apr 60

114, 523

(NY-3000)

AUTOMATIC EQUIPMENT AND CONTROLS FOR THE ORE
MINING INDUSTRY, BY L. G. ZHIVOV, 5 PP.

RUSSIAN, PER, BORNYY ZHUR, NO 1, 1962, PP. 57, 58.

JPRS 14422

USSR

ECON

SCI - MIN/MET

JUL 62

202,475

Zhivuchin, S. M. and Tolstoguzov, V. B.
CHEMICAL PROPERTIES OF PHOSPHONITRILE
CHLORIDES (Fosfonitrilkhlorid, Ego Poluchenie,
Svoistva i Primenenie). Rept. no. 2 of Phosphonitrile
Chloride, Its Preparation, Properties and Application.
[1961] 11p. 54 refs.

Order from OTS or SLA \$1.60 62-10607

Trans. of Plast[icheskie] Massy (USSR) 1961, no. 4,
p. 14-17.

DESCRIPTORS: *Phosphonitrile chlorides, Chlorides,
Chemical properties, Hydrolysis.

(Chemistry--Physical, TT, v. 9, no. 11)

62-10607

I. Zhivuchin, S. M.
II. Tolstoguzov, V. B.
III. Title: Phosphonitrile ...

Office of Technical Services

Zhivukhin, S. M. and Tolstoguzov, V. E.
THE PRODUCTION AND USE OF PHOSPHONITRILE
CHLORIDES AND THEIR DERIVATIVES. [1963] [13p]
65refs
Order from OTS, SLA, or ETC \$1.60 TT-63-20621

Trans. of Plasticheskie Massy (USSR) 1963,
no. 5, p. 24-27.

DESCRIPTORS: *Phosphonitriles, *Chlorides,
Industrial production, Polymers, Plastics, Condensation
reactions, Heat resistant plastics, Stability, Chemical
properties.

A survey of the literature.

(Materials--Plastics, TT, v. 11, no. 3)

TT-63-20621

I. Zhivukhin, S. M.
III. Tolstoguzov, V. E.

1963

Office of Technical Services

Certain Properties of Oily Oligomers of Phosphonitryl
Chloride, by S. M. Zhivukhin and V. B. Tolstoguzov,
5 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XXXV, No 2,
1961, pp 290-294.

CB

Sai

233,955

Jan 62

Synthesis and Study of Organostannoxanes, by I.
S. M. Zhivukhin, E. D. Dudikova, 5 pp

RUSSIAN, per; Zhur Obshch Khim, Vol XXXI, No 9,
1961, pp 3106 3110.

CB

Sci
Oct 62

214,661

50
Synthesis of Polymeric Polydioxarylene-
Phosphonditylones, by S. M. Zlatkevich, V.B. Tolstopyanov,
13 pp.
RUSSIAN, per, Plastikhestiya Massy, No 7, 1961,
pp 24-28. 9602167
FTD-TT-68-101

Sci - Phys
Apr 64

258,371

S. M. Zhivukhin

The Production of Phosphonitrile
Chloride, by S. M. Zhivukhin.
RUSSIAN, per, Khimicheskaya
Promyshlennost, No 1, 1962, pp 19-23
NTC 72-11377-07A

June 72

S. M. Zhivukhin

Interaction Between Phosphonitrile Chlorides and
Silanols, Silanolates and Hexaalkyl-Disiloxane,
by S. M. Zhivukhin

RUSSIAN, per, Zhurnal Neorganicheskoi Khimii,

Vol 7, No 9, 1962, pp 2192-2199

NTC 71-15244-07B

mar 72

Zhivukhin, S. M. and Tolstoguzov, V. B.
THE PREPARATION OF PHOSPHONITRIL
CHLORIDE. Pt. 1 of Phosphonitryl Chloride; Its
Preparation, Properties and Uses. [1962] 9p.
57 refs.

Order from OTS or SLA \$1.10

62-14045

Trans. of Plasticheskie Massy (USSR) 1960, no. 12,
p. 14-15.

DESCRIPTORS: *Plastics, *Phosphonitrilechlorides,
Preparation, Separation, Chemical analysis.

See also 62-13426

(Materials--Plastics, TT, v. 8, no. 10)

62-14045

I. Zhivukhin, S. M.
II. Tolstoguzov, V. B.
III. Title: Phosphonitryl ...

C226208

Office of Technical Services

(SP-1879)

Phosphonitrilechloride, Its Preparation, Properties
and Uses, by S. M. Zhivukhin, V. B. Tolstoguzov, 6 pp.

RUSSIAN, per, Plasticheskiye Massy, No 5, pp 26-28.

JPRS 11036

Sci - Chem

115,669

Dec 61

Zhivukhin, S. M. and Tolstoguzov, V. B.
PRACTICAL APPLICATION OF PHOSPHONITRILE
CHLORIDE POLYMERS. Pt. 3 of Phosphonitrile
Chloride: Preparation, Properties, and Uses. [1961]
6p.

Order from ATS \$10.50

ATS-69N55R

APPROVED FOR RELEASE: Monday, September 23, 2002
Trans. of Plasticheskiye Massy (USSR) 1961, no. 5,
p. 26-28.

DESCRIPTORS: *Phosphonitrile chlorides, Chlorides,
*Polymers, Plastics.

(Materials--Plastics, TT, v. 6, no. 12)

61-25721

I. Zhivukhin, S. M.
II. Tolstoguzov, V. B.
III. ATS-69N55R
IV. Associated Technical
Services, Inc.,
East Orange, N. J.

ATS-RJ-306?

Office of Technical Services

000200600046-0

Investigation of Copolymerization of Three-Component Systems. III. Copolymerization of the System Methyl Methacrylate - Acrylonitrile - Glycol Esters of Methacrylic Acid, by S. M. Zhivukhin, M. V. Barkova, I. P. Losev, 4 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXVI, No 8, 1956, pp 2250-2254.

Consultants Bureau

Sci - Chem

56, 527

Dec 57

Investigation of Copolymerization of Three-Component
Systems. I. by S. M. Zhivukhin, M. V. Barkova, I. P.
Losev, 4 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXVI, No 8,
1956, pp 2243-2246.

Consultants Bureau

Sci - Chem
Dec 57

561526

Investigation of Copolymerization of Three-Component Systems. II. Copolymerization of the Three-Component System Methyl Methacrylate-Acrylonitrile - Tetraallyl Orthosilicate, by S. M. Zhivukhin, M. V. Barkova, I. P. Losev, 4 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXVI, No 8, 1956, pp 2247-2249

Consultants Bureau

Sci - Chem

56,525

Dec 57

The Process of Protoplasm Isolation as the Second
Phase of Hardening in Winter Wheat, by P. A. Genkel,
G. M. Zhivukhina, 4 pp.

RUSSIAN, per, Dok Ak Nauk, SSSR, Vol CXXVII,
No 1, pp 220, 1959

ATBS

Sci

Mar 60

109,926

Selenium in Cast and Structural Steel, by Ya. E.
Gol'dshtein, O. D. Zhishakina, 7 pp.

RUSSIAN, per, Stal, No 9, 1961.

ISI

Sci

May 62

194,742

Boron-Needled Plain Carbon Cast Steel, by Ya. E.
Gol'dshtein, L. L. Pyatakova, O. D. Zhizhekina.

XX

RUSSIAN, per, Vestnik Mashinostroeniya, Vol XXXVI,
No 7, 1956, pp 23-27.

Brutcher Tr 3986

Sci - Min/Met

\$5.80

Jan 58

57, 382

Effect of Boron on Austenite Grain Size in Steel,
by L. L. Pyatakova, O. D. Zhizhakina...

RUSSIAN, per, Metal i Obra Metallov, No 5,
May 1958, pp 28 30.

7-

Henry Bratcher 4220

\$4.75

Sci - Min/met

Chem

Oct 58

74, 952.

On Groups of Homologies of Algebraic
Varieties, by A. B. Zhizhchenko.
RUSSIAN, per, Izvestiya Akad Nauk SSSR,
Seriya Matematicheskaya, 1961, Vol 25,
pp 765-788.
NLL RTS 2265 (On Loan or Purchase)

A. B. Zhizhchenko

Aug 65

287,003

Main Results of Combined Biogeochemical Study
of the Tertiary Sediments of the Central and
Eastern Ciscaucasus, by B. P. Zhizhchenko, 7 pp.

RUSSIAN, per, Geolog Nefti i Gaza, Vol IV,
No 1-B, 1960.

RRG

Sci

Jul 62

203,019

(NY-1840)

INNOVATIONS IN HOUSING CONSTRUCTION IN
BELORUSSIA, BY I. ZHIZHEL', 3 PP.

RUSSIAN, PER, ZHILISHCHNOYE STROITEL'STVO,
NO 6, 1962, P 3.

JPRS 14930

USSR
ECON
SEP 62

210,295

On the Existence of a Minimum of Certain
Quadratic Functionals in an Infinite Region, by
E. F. Zhizhenkova, G. M. Zhizhin, 16pp
RUSSIAN, per, Mosk Mat Obshch Praty, Vol 9, 1960,
pp 121-128
OTS TT-64-19950

E. F. Zhizhenkova

Sci - Nuc Phy and

Nuc Chem

July 67

330,950

On the Existence of a Minimum of Certain
Quadratic Functionals in an Infinite
Region, by 1968. Zhizhenkova and G. M.
Zhisen.

RUSSIAN, per, Trudy Moskovskogo Matematicheskogo
Obshchestva, 1960, Vol 9, pp 121-128.
NLL RTS 2476 (On Loan or Purchase)

E. F. Zhizhenkova

Aug 65

26
286,991

Scattering of a Photon by a Nucleon in the One-Meson
Approximation, by E. D. Zhizhin, 4 p.

RUSSIAN, per, Zhur Eksper i Teoret Fis, Vol XXXVII, No
No 4(10), 1959, pp 994-999.

Amer Inst of Phys
Sov Phys -JETP
Vol XXXVII, (10), No 4

Sci

Apr 60

114,874

TT-64-26242

Zhizhchenko, B. P.

PRINCIPES DE LA STRATIGRAPHIE DU CENOZO-
IQUE DU CAUCASE SEPTENTRIONAL ET DES
RÉGIONS VOISINES ET SCHEMA STANDARD DE
DE SA SUBDIVISION. I. et II. (The Principles of
Stratigraphy of the Cenozoic of the Northern Cau-
casus and its neighbouring regions and Standard
Plan of Subdivision) tr. by M. Szyzzman. 314p.
157 refs. Trans. no. 2242(R).
Order from JTS or ETC \$19.75

TT-64-26242

Trans. in French of mono. [Printsipy Stratigrafii i
Unifitsirovannaya Skhema Deleniya Kainozoijskikh
Otklozhenii Severnogo Kavkaza i Smezhnykh Oblastel,
Moscow] 1958 [311p].

DESCRIPTORS: *Stratigraphy, Paleocology, Hy-
drology, Sedimentation, Geological survey.

(Earth Sciences--Geology, TT, v. 11, no. 11)

I. Zhizhchenko, B. P.
II. Trans-2242(R)

Office of Technical Services

61-16084

Zhizhchenko, B. P.
PRINCIPAL RESULTS OF A COMBINED BIOGEO-
CHEMICAL STUDY OF THE TERTIARY DEPOSITS
OF THE CENTRAL AND EASTERN CIS-CAUCASUS.
[1961] 12p. (3 figs. omitted) 1 ref.
Order from OTS or SLA \$1.60 61-16084

Trans. of *Geol[ogiya] Nefti i Gaza (USSR) 1960, v. 4,
no. 1, p. 41-48.

DESCRIPTORS: *Petroleum, *Natural gas, *USSR,
Geology, *Geochemistry, *Microorganisms.

(Earth Sciences--Geology, TT, v. 6, no. 2)

I. Zhizhchenko, B. P.

Office of Technical Services

IMPROVE THE MANAGEMENT OF CONSTRUCTION IN
BELORUSSIAN, BY I. ZHIZHEL, 7 PP.

NP

RUSSIAN, ~~RR~~, EKONOMICHESKAYA GAZETA, NO 41,
6 OCT 1962, P 14.

JPRS 167748

USSR
ECON
JAN 63

218,596

Inelastic Diffraction Processes at High
Energies, by E. D. Zhizhin, Yu. P. Nikitin,
9 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz,
Vol XLIII, No 5, 1962, pp. 1731-1742.

Amer Inst of Phys
Sov Phys - JETP
Vol XVI, No 5

Sci.

341, 297

Jun 63

New Possibilities in the Study of the
Electromagnetic Properties of the Electron
and Moun, by E. D. Zhizhin, V. V. Solov'yev,
6 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz,
Vol XLIII, No 1, 1962, pp 268-276.

Amer Inst of Phys
Sov Phys - JETP
Vol XVI, No 1

Sci

220,335

Jan 63

Regge Poles in Photoproduction Amplitude,
by A. V. Berkov, E. D. Zhizhin, 7 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz,
Vol XLV, No 5, 1963, pp 1585-1594.

Amer Inst of Phys
Sov Phys - JETP
Vol XVIII, No 4

Sci
Jun 64

260,338

A Method of Producing Experimental Scalds, by
V. N. Zhizhin, P. Ya. Misyukevich, 3 pp.

RUSSIAN, per, Byul Eksper Biol i Med, Vol. ~~43~~ XLIII,
No 7, 1957, pp 118-119.

Consultants Bureau

Sci - Med

Jun 58

66,518

(NY-6702)

The Humoral Mechanisms of Mineral Metabolism Changes in Calcified Tissues in Acute Radiation Sickness, by N. A. Zhizhina, A. A. Prokhonchukov, 15 pp.

RUSSIAN, per, Patolog Fiz i Eksper Terapiya, Vol V, No 5, Sep/Oct 1961, pp 59-65.

JPRS 11816

Sci - Med

Jan 62

178, 182

SI-5000

(SI-5000)

The Effect of Repeated Total Irradiation With Small
Doses of X-Rays on Bone Tissue, by H. A. Zhishina,
6 pp.

RUSSIAN, per, Medit Radiolog, Vol III, No 4,
Moscow, Jul-Aug 1958, pp 25-29.

JPRS 672-D

Sci - Med, radiology
May 59

87,659

3-4208

(NY-1532)

The Influence of Generalized X-Irradiation on
Mineral Metabolism in Bone Tissue, by N. A.
Zhizhina, 9 pp.

RUSSIAN, bimo per, Patologicheskaya Fiziologiya, 1
Eksperimental'naya Terapiya, Vol II, No 1, Moscow,
Jan/Feb 1958, pp 34-38.

US JPRS/NY-1-284

Sci - Medicine

73,536

Weldability of Heat-Resistant Material Sep by
Method of Fusion, by G. D. Nikiforov, S. N. Zhiznyakov, 26
12 pp.
RUSSIAN, per, Svarochnoye Proizvodstvo, No 6, 1964,
pp 1-4.
JPRS 26793

Sci-Mat & Met
Nov 64

268,774

134
Basic Laws Governing Heat and Mass Exchange in
Convection Smoking (Curing) Ovens, by V. I.
Zhizhnyakov.

RUSSIAN, per. Scientific Research and Design
Institute for the Mechanization of the Fishing
Industry, Vol 3, 1963.

Dept of Interior

Bureau of Commercial Fisheries

Branch of Foreign Fisheries

Sci-Phys
Jan 68

V. I. Zhizhnyakov

348.578

45
A New Device for Determining the Static and
Dynamic Hardness of Rocks under High Hydrostatic
and Rock Pressures, by L. Ye. Simonovets,
B. A. Zolobinskiy, 4 pp.

RUSSIAN, per, Izvestiya Vyschikh Uchebnykh
Zavedeniy. Neft' i Gaz, No 11, 1964, pp 31-34.
AIR/PTD/RT-23-1201-67

Sci-Earth Sci
Nov 68

366,385

B. A. Zolobinskiy

Determining the Drilling Speed in Drilling with
Rock Bits With the Aid of a Model Study, by
L. E. Sizonyants, B. A. Zhlobinskiy. 9 pp.
RUSSIAN, per. Izv. VUZ Neft' i Gaz, Vol 6, No 8,
1963, pp 25-29.
OTS TT-64-26106

B. A. Zhlobinskiy

Sci/Engr
Jun 67

327,685

Failure of Rocks, by L. E. Silonyants 98
and B. A. Zhlebinskiy.
RUSSIAN, per, Izv. VIZ Neft i Gaz, Vol 9,
No 2, 1962, pp 15-18.
ATS 41-4535

B. A. Zhlebinskiy

Sci- Engr
Apr 67

321,602

Zhlobinski, B. A.
DETERMINATION OF THE OPTIMUM FITCH OF
TEETH IN RINGS OF CONE BITS BY MEANS OF
MODELING. [1961] 5p.
Order from ATS \$8.80 ATS-46N48R

Trans. of Izvestiya Vysshikh Uchebnykh Zavedeni.
Neft' i Gaz (USSR) 1960, v. 3, no. 9, p. 117-122.

DESCRIPTORS: *Drills, Test methods, Model tests.

(Engineering, TT, v. 6, no. 4)

61-22234

I. Zhlobinski, B. A.
II. ATS-46N58R
III. Associated Technical
Services, Inc., East
Orange, N. J.

Office of Technical Services

A Method to Shorten the Analysis Time of
Discrete Radio Signal Spectra by the
"Active" Analysis Method, by I. M. Zhlobinskiy,
L. G. Sodin, 10 pp.

RUSSIAN, per, Radiotekh, Vol XVII, No 2,
1962.

AIEE

Sci

Aug 62

209,880

Viscosity of Fused Salts Along an Isoconcentration
Section(10 Wt. % $MgCl_2$) in the $MgCl_2$ - $CaCl_2$ - KCl - $NaCl$
System, by Kh. L. Strelets, V. N. Zhudneva, I. L.
Reznikov, 5 pp.

RUSSIAN, no per, Zhur Prii Khim, Vol XXVIII, No 6,
Jun 1955, pp 643-650. CIA C 40324

Consultants Bureau

USSR

30,127

Scientific - Chemistry

CTS 76 Jan 1956

Parthenogenetic development of haemaphysalis
bispinosa neum. (acarina, ixodidae.), by Z.
Zhmaeva, 6 pp.

RUSSIAN, per, Entomologicheskoe Obozrenie,
31, nos. 1-2, p 121-122, 1950.

SLA R-3651

Sci

Aug 59

94,438

(DC-2800/24)

Great Things Are Ahead (DOSAAF Tasks), by
F. Zhmachenko, 3 pp.

RUSSIAN, np, Sovetskiy Patriot, Vol XVIII, No 41,
22 May 1960, p 2.

JPRS 3971

USSR

Mil

127,099

(SF-1850)

DOSAAP Members of the Ukraine for the National
Economy, by F. Zhvachenko, 6 pp.

RUSSIAN, np, Sovetskiy Patriot, 8 Feb 1961, pp 1-2.

JPRS 10954

USSR

176,030

Mil

Dec 61

Domestic Birds as Carriers of the Rickettsia of
Q Fever in the Turkmen SSR, by Z. M. Zhmaeva, A. A.
Pchelkina, 2 pp.

RUSSIAN, no per, Zhur Mikrobiol, Epidemiol i
Immunobiol, Vol XXVIII, No 3, 1957.

Pergamon Press

Sci - Medicine
Oct 57

53, 863

The reflex mechanism of the specific dynamic
action of food, by I.K. Zhmakin, 4 pp.

RUSSIAN, per, Byul Eksper Biol i Med, Vol
43, No 5, 1957, pp. 39-42.

Consultants Bureau

Sci - Med

Jun 58

65,089

(NY-6353)

Experience in the Work of the All-Russian Scientific
Medical Society of Obstetricians-Gynecologists in
1957-1960, by K. N. Zhmakin, 5 pp.

RUSSIAN, per, Byulleten' Uchenogo Med Soveta
Min Zdrav RSFSR, No 1, 1961, pp 31-33.

JPRS 9858

165,002

USSR
Soc
Sci - Med
Aug 61

Blood Sucking Ticks Reservoirs of the Q Fever
Pathogen in Various Landscape Zones of the
USSR, by Z. M. Zhuravskaya, P. A. Petrishcheva,
et al, 10 pp.
RUSSIAN, per, Zhur Mikrobiolog, Epidemiolog i
Immunobiolog, No 3, 1964, pp 25-31.
JPRS 24277

Sci - Med
Jul 1964

242,760

Characteristic Features of a Focus of Tick
Rickettsiosis in South-East Turkmenia, by S. M.
Kulagin, Z. M. Zhmayeva, M. V. Shekhanov, A. A.
Pchelkina, 7 pp

RUSSIAN, per, Zhur Mikrobiol Epidemiol i Immunobiol,
Vol XXVIII, No 7, 1957, pp 114-120.

Pergamon Inst

Sci - Med
Nov 58

76,691

42
The Epidemiological Importance of
Ectoparasites of Birds in a Natural
Focus of Q Fever in Southern Central
Asia, by Z. M. Zhurayeva, et al.
RUSSIAN, per, Doklady Akad Nauk SSSR
(Parazit), Vol 101, No 2, 1955,
pp 387-389
NII 4-74-65

Sci-B&M
May 65

280,914

63-15989

Zhneido, A. T., Grafskaya, Z. S., and Chernikova, N. V.

THE PRODUCTION OF A PURE AVITAMINOSIS-D IN RATS. [1962] [7]p. 2 refs. FASEB manuscript no. S 106-2.

Order from OTS or SLA \$1.10

63-15989

Trans. of Voprosy Pitaniya (USSR) 1962, v. 21, no. 4, p. 71-74.

DESCRIPTORS: *Deficiency diseases, *Vitamin D, *Diet, Phosphatases.

Avitaminosis-D was developed in rats in about one month on a balanced diet lacking only in vitamin D. This deficiency caused growth to be retarded or to cease. Ration Ia consisted of 20g casein heated for 15 to 16 hours at 100°, 60g corn starch, 10g brewers' yeast, 4g Osborne-Mendel salt mixture (+CuSO₄), (Biological Sciences--Pathology, TT, v. 10, no. 6) (over)

- I. Zhneido, A. T.
- II. Grafskaya, Z. S.
- III. Chernikova, N. V.
- IV. FASEB S-106-2
- V. Federation of American Societies for Experimental Biology, Washington, D. C.
- VI. Scripta Technica, Inc., Washington, D. C.

1144541

Office of Technical Services

Vitamin C Requirement During Periodic Administration
of the Vitamin, by S. N. Matsko, V. I. Gorbunova,
A. T. Zhurav, 4 pp.

Full tr

RUSSIAN, no per, Byul Eksper Biol i Med, Vol XII,
No 1, Jan 1956, pp 22-26.

Consultants Bureau

Sci - Medicine
Dec 56 CTS

42,025

DEVELOPMENT OF THE LARGE-SCALE CHEMICAL INDUSTRY,
BY P. ZHIGID', 5 PP.

RUSSIAN, NP, SOVIET LATVIYA, 29 SEP 1963, P 2.

JPRS 22299

USSR
ECON
DEC 63

244,853

On Homomorphisms of Linear Representations of Finite Groups, by E. M. Zhurav', 63 pp.

RUSSIAN, per, Matem Sbornik, Vol XLIV (LXXVI),
No 3, 1958, pp 353-408. 7093243

NDF Z-130

Vol V, No 5
Jul 61

160,155

Some Peculiarities of the K-State in
Nickel-Chromium Alloys Containing
Titanium, by O. Z. Zhaudskiy.

RUSSIAN, per, Ukrain Fiz Zhur, Vol VII,
No 2, ~~1962~~ 1962, pp 212-216.

NEL Ref. 9022.09 1963 (2,782)
(Loan)

Sci - M/M
Nov 63

242, 276

Effect of Nickel on Transformations Occurring
in Aluminum-Copper Alloys at Elevated Temperatures,
by A. Z. Zhuravskiy, P. A. Maksimov.

RUSSIAN, per, Metal i Obrabotki Metallov, No 8, 1958,
pp 34,37.

Henry Bratcher 4319
\$3.90

Sci - Engr

84,308

Apr 59

The Influence of Heavy Halogens on the Probability
of Transition to a Metastable State and the Probabilities
of Disactivation of This State, by V. A.
Borgman, I. A. Zhmyreva, V. V. Zelinskiy, V. P.
Kolobkov, 4 pp

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXI, No 4, 1960
pp 761-764.

AIP
Sov Phys - Doklady
Vol 1, No 2

132, 769

Sci
Nov 60

X-Ray Diffraction Investigation of Melts in the
BaO-GeO₂ Systems

By E.S. Zhmud', A.B. Ivanova, pp 5

RUSSIAN, per, Zhur Neorgan Khim. No 11. 1962, pp 2581-
2589

Chemical Society

Sci

Oct 63

241-036